



PistenBully®



7-Belt CombiPlus Track



# Highlights 7-Belt CombiPlus Track

## Best gradability on the market

### 5 patents

**TOP Drive wheel**  
Patent on noise-reducing contact area

**TOP Cleat geometry**  
Patent on the cleat geometry of the 7-Belt CombiPlus Track, the new spikes and their central position on the cleat

**TOP Track joint**  
Patent on compacted joint

**TOP Track band arrangement ("tread distribution")**  
Patent on the system of the 7-Belt CombiPlus Track with 4 main and 3 side belts and their arrangement.

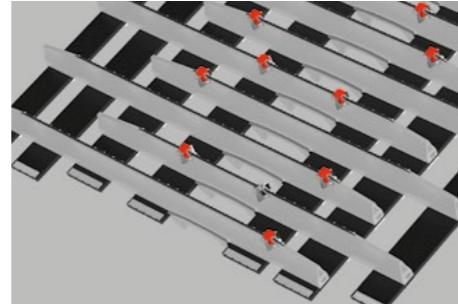
**TOP Wider guide unit**  
Patent covers the geometry and the fact that, despite wide spacing, there is only the smallest possible distance before contact is made with a guide unit. A plus for smooth running.



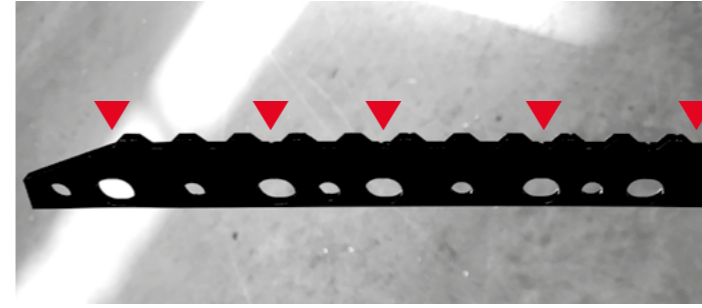
01 Conventional guide unit (5-belt track)



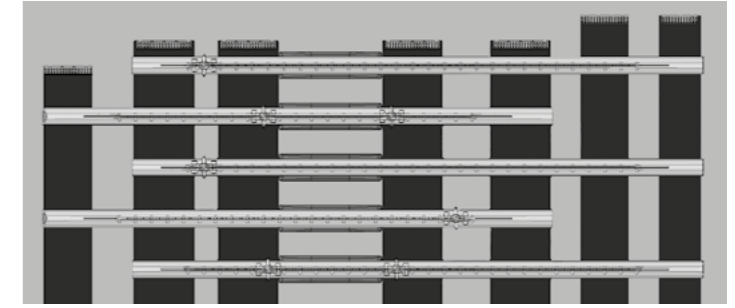
02 High-performance guide unit with honeycomb structure (7-belt track)



03 7-belt combiPlus track with spikes



04 Central toothed strip pre-drilled for additional hardware



05 Optimised belt spacing for even weight distribution on the tracks

## Technical data

### PistenBully 7-Belt CombiPlus Track

#### ⊕ Spacing

- 135-mm spacing
- 68 cleats per track
  - ▶ Unique selling point:
    - Best gradability on the market
    - Best thrust performance on the market

#### ⊕ High-performance guide unit with honeycomb structure (Illustration 02)

- Openings to save weight

#### ⊕ Easy-to-install grouser

- With bolt guidance (centre support)
  - ▶ no tilting

#### ⊕ Bolted cleats, guide unit and supports with extremely high tightening torque

- M12 10.9 guide unit bolts
- M12 10.9 belt bolts
- Fully automated assembly with torque controlled electronically
- Weight-saving aluminium supports on the outside that are gentle on the frame

#### ⊕ Left and right tracks identical

- Fitting and wear strip
  - ▶ free of running direction

#### ⊕ Central toothed strip (Illustration 04)

- Pre-drilled for additional hardware

#### ⊕ Fitting

- Combined fitting (lateral guide and spike in one)
- Spike: Carbide tip of high-performance wear-resistant steel with support function on the cleat
- Plastic spike protector as belt protector with simple click system, reusable
- Additional hardware (spike, sidehill holder) prepared

#### ⊕ Track design (Illustration 05)

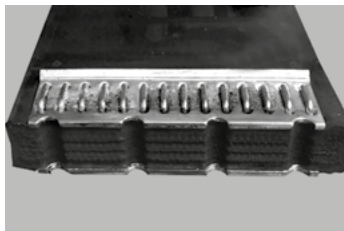
- Optimised belt spacing for even weight distribution
- Consistent 15-mm belts (all 7 belts)
- 3 strong layers per belt

#### ⊕ Many common parts

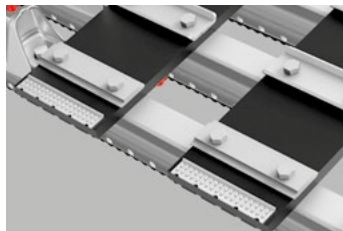
- 2 cleat lengths each with single/double fitting
  - ▶ max. 4 spare cleats

#### ⊕ No variations

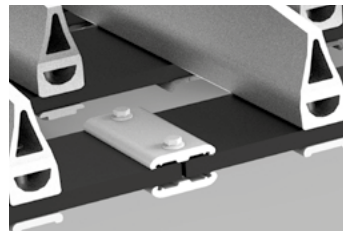
- Universal tracks



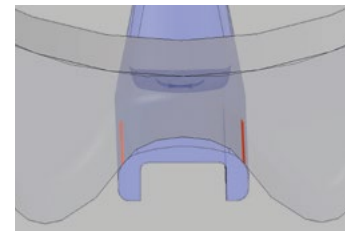
06 Compacted joint with 3 strong layers



07 Joint support



08 Compacted joint pre-fitted



09 Drive wheel by 2 lines of support

## Technical data

### PistenBully 7-Belt CombiPlus Track

#### ⊕ High-performance joint (*Illustration 06, 07, 08*)

- Belt ply protective fixing
- Track lacing without relative movement
- Uniform pulling force on all belt layers (no Z-bend)
- Avoidance of pitch errors
  - ▶ longer service life

#### ⊕ Drive wheel (*Illustration 09*)

- 2-line support
- The grousers run on and off the sprocket at an optimum level
  - ▶ smoother running

